

Docket No: 59777 (49950)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Lonnie O. Ingram et al.
Application No.: 09/885,294 Group No.: 1651
Filed: June 19, 2001 Examiner: Marx, I.
For: METHODS FOR IMPROVING CELL GROWTH AND ALCOHOL
PRODUCTION DURING FERMENTATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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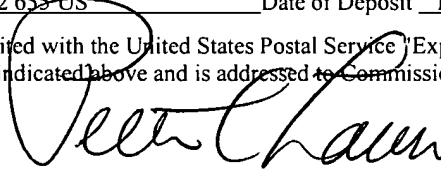
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Peter C. Lauro, Esq.

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Signature

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. §§1.56 and 1.97, Applicants herewith submit the publications and/or patents shown on the attached form PTO-1449, for consideration by the Examiner in connection with the examination of the above-identified patent application.

REMARKS

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed:

- ____ (1) within three (3) months of the Filing Date or **before the mailing date of the First Office Action** on the merits; or

- _____ (2) within three months of the mailing date of the Written Opposition issued by the: _____ Patent Office (dated _____); or
- X (3) after the period defined in (1) but before the mailing date of a **Final Rejection** or **Notice of Allowance**, and the requisite Certification or fee under Rule 1.17(p), namely **\$180.00**, is included herein; or
- _____ (4) after the mailing date of a **Final Rejection** or **Notice of Allowance** but before the payment of the **Issue Fee**, and the requisite Certification, petition, and petition fee are included herein.

It is respectfully requested that each of the documents shown on the attached form(s) PTO-1449 be made of record in this application. Applicants note that references AA-AH were cited in the International Search Report dated January 30, 2002 that was issued in PCT/US01/19641 which corresponds to the instant application. Copies of these documents AA through AH and the International Search Report:

 X are enclosed herewith;. Copies of documents AI through AL have not yet been received and will be filed upon receipt; or

_____ have been cited in the parent application, and are thus not being resubmitted herein.

Early examination and allowance of the present application are respectfully solicited.

Respectfully submitted,
EDWARDS & ANGELL, LLP

By 

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FORM PTO-1449		DOCKET NO.: 59777 (49950)		SERIAL NO.: 09/885,294			
INFORMATION DISCLOSURE STATEMENT		APPLICANT(S): Lonnie O. Ingram, et al.					
		FILING DATE: June 19, 2001		GROUP NO.: 1651			
UNITED STATES PATENT DOCUMENTS							
EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
-	AA	K. Grohmann et al., <i>Applied Biochemistry and Biotechnology</i> , Vol. 57/58, pp. 383-388 (1996)					
/	AB	A. Martinez et al., <i>Biotechnology Progress</i> , Vol. 15, no.5, pp. 891-897 (1999)					
/	AC	M. Ligthelm et al., <i>Biotechnol. Bioeng.</i> , Vol. 32, No. 7, pp.839-844 (1989)					
/	AD	G. Stanley et al., <i>Biotechnology Letters</i> , Vol. 15, No. 12, pp. 1199-1204 (1993)					
\	AE	L. Ingram et al., <i>Biotechnology Progress</i> , Vol. 15, No. 5, pp. 855-866 (1999)					
.	AF	J. Zaldivar et al., <i>Biotechnology and Bioengineering</i> , Vol. 66, No. 4, pp. 203-210 (1999)					
r	AG	J. Zaldivar et al., <i>Biotechnology and Bioengineering</i> , Vol. 65, No. 1, pp. 24-33 (1999)					
.	AH	A. Barber et al., <i>Journal of Industrial Microbiology and Biotechnology</i> , Vol. 25, No. 2, pp. 104-108 (2000)					
	AI	Lynd et al., <i>Science</i> , Vol. 251, pp. 1318-1323 (1991) (copy to follow)					
	AJ	Olson et al., <i>Enzyme Microb. Technol.</i> , Vol. 18, pp. 1-17 (1996) (copy to follow)					
	AK	Wyman et al., <i>Amer. Chem. Symp.</i> , Vol. 618, pp. 272-290 (1995) (copy to follow)					
	AL	Sheehan, <i>ACS Symposium Series No. 566</i> , ACS Press, pp. 1-53 (1994) (copy to follow)					
Examiner:					Date:		